

**IN THE ABSTRACT**

Please delete in its entirety and replace with the following:

--Disclosed is a speech processing system, such as a speech recognition or speech coding system, that is capable of processing a degraded speech input signal. The speech processing system includes an input for receiving the degraded speech input signal, a method or estimator used for estimating a condition, such as the signal-to-noise ratio or bandwidth, of the received input signal, a method to select a processing model which corresponds to the estimated signal condition, the model may be retrieved from a storage device with models for different signal conditions, and a method to estimate an originally uttered speech signal based on the received input signal and to process the estimated original signal according to the selected model. --